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Applicants: A.S. Hoffman et al. Attorney Docket No. UWOTL118949
Application No.: 09/226,044 Group Art Unit: 1615
Filed: January 5, 1999 Examiner: G. Kishore
Title: ENHANCED TRANSPORT USING MEMBRANE DISRUPTIVE AGENTS

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
lu	U8	5,451,411		09/19/1995	Gombotz et al.
	U9	5,770,627		06/23/1998	Inoue et al.
	U10	5,998,588		12/07/1999	Hoffman et al.
	U11	6,165,509		12/26/2000	Hoffman et al.
	U12	6,486,213	B1	11/26/2002	Chen et al.
	U13	5,939,453		08/17/1999	Heller et al.
lu	U14	6,210,717	B1	04/03/2001	Choi et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initials	Cite No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided

NONE

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initials	Cite No.	Information
lu	O28	Cheung, C.Y., et al., "A pH-Sensitive Polymer That Enhances Cationic Lipid-Mediated Gene Transfer," <i>Bioconjugate Chem.</i> 12:906-910, 2001.
lu	O29	Cordes, E.H., and H.G. Bull, "Mechanism and Catalysis for Hydrolysis of Acetals, Ketals, and Ortho Esters," <i>Chemical Reviews</i> 74(5):581-603, 1974.

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09/224, 044

*Examiner Initial	Cite No.
	O30 Ding, Z., et al., "Synthesis and Purification of Thermally Sensitive Oligomer-Enzyme Conjugates of Poly(<i>N</i> -isopropylacrylamide)-Trypsin," <i>Bioconjugate Chem.</i> 7:121-125, 1996.
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	O32 Fife, T.H., and L.K. Jao, "Substituent Effects in Acetal Hydrolysis," <i>Journal of Organic Chemistry</i> 30(5):1492-1495, May 1965.
	O33 Hansch, C., and W.R. Glave, "Structure-Activity Relationships in Membrane-Perturbing Agents," <i>Molecular Pharmacology</i> 7:337-354, 1971.
	O34 Kratz, F., et al., "Drug-Polymer Conjugates Containing Acid-Cleavable Bonds," <i>Critical Reviews in Therapeutic Drug Carrier Systems</i> , 16(3):245-288, 1999.
	O35 Kyriakides, T.R., et al., "pH-Sensitive Polymers That Enhance Intracellular Drug Delivery In Vivo," <i>Journal of Controlled Release</i> 78:295-303, 2002.
	O36 Linhardt, J.G., and D.A. Tirrell, "pH-Induced Fusion and Lysis of Phosphatidylcholine Vesicles by the Hydrophobic Polyelectrolyte Poly(2-ethylacrylic Acid)," <i>Langmuir</i> 16:122-127, 2000.
	O37 Murthy, N., et al., "The Design and Synthesis of Polymers for Eukaryotic Membrane Disruption," <i>Journal of Controlled Release</i> 61:137-143, 1999.
	O38 Schroeder, U.K.O., and D.A. Tirrell, "Structural Reorganization of Phosphatidylcholine Vesicle Membranes by Poly(2-ethylacrylic acid). Influence of the Molecular Weight of the Polymer," <i>Macromolecules</i> 22:765-769, 1989.
<i>W</i>	O39 Tycko, B., et al., "Rapid Acidification of Endocytic Vesicles Containing Asialoglycoprotein in Cells of a Human Hepatoma Line," <i>Journal of Cell Biology</i> 97:1762-1776, 1983 (abstract only).

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